

# Work Order ID 65936

Thursday, January 27, 2011 1:09:35 PM



Page 1

Item ID: D350-607-445

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 1/28/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 2/14/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: mf Date: 11-01-27

Tooling:

Date:

Run Start



QC: Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D350-607-2	C
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100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-445 CHG002

mf 11.02.08 CL 11-02-07

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

mf 11.02.08 (1)

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

mf 11.02.08 (1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
11/02/08	#110	missing DSZ 9535-013 For Basket @ CHK7003 or higher RL w/o + Bom not correctly update	W 11/02/08	-ADD DSZ 9535-013 B* _____ Qty 1 to Kit N/A	del 11/02/08		W 11/02/08	S 11/02/08
				-correctly update Bom + w/o. ADD copy of update Bom				S 11/02/08

**NOTE:** Date & initial all entries

[illegible]

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[illegible]

**Stop**

[illegible][illegible]**Cust Item ID:**

[REDACTED]

**Customer:**

Run Start



**Stop**

[illegible]

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

### Operation Description

### Set Up/ Run Hours

## Tool ID

**Tool #****Plan  
Code**

**Accept**  
**Oty**

Reject  
QtyReject  
Number

**Insp.  
Stamp**

130

~~Pick Kit~~

0.00

### Packaging

## Memo

0.00

### Packaging

Package as per PPPD350-607-445

140

QC21- Final Inspection - Work Order Release

0.00

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

QC

## Memo

0.00

## Quality Control

Moz/10

ME  
11-02-09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Thursday, January 27, 2011 1:09:31 PM

Page 1

Work Order ID: 65936



Parent Item: D350-607-445



Parent Item Name: Heli-Utility-Basket

Start Date: 1/28/2011

Required Date: 2/14/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-04-15 JLM VERIFIED BY:DD IPP Rev:B  
as per ecn 10-552 DD 10.04.19 verified by:EC IPP Rev:C as per ecn  
10-596 DD 10.08.26 verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D4086-232		Manufactured	No			110	Each	7.0000	1	1			
Placard, Max Load													

Location Loc Qty Loc Code

ST112

7

56980

7

D350-607-411		Manufactured	No			110	Each	0.0000	1	1			
Quick Release Basket Mounting Installation													

D3911-041		Manufactured	No			110	Each	5.0000	1	1			
Basket Installation Stud Assembly, Lower													

Location Loc Qty Loc Code

st507

5

59206

1

65163

4

D3911-043		Manufactured	No			110	Each	3.0000	1	1			
Aft Eyebolt Receiver Assembly													

Location Loc Qty Loc Code

st507

3

59207

1

65606

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Thursday, January 27, 2011 1:09:32 PM

Page 2

Work Order ID: 65936

Parent Item: D350-607-445

Parent Item Name: Heli-Utility-Basket

Start Date: 1/28/2011

Required Date: 2/14/2011

Start Qty: 1.00

Required Qty: 1.00

D3912-041

Manufactured No

110

Each

1.0000

1

1

Eyebolt Receiver Assembly

Location

Loc Qty

Loc Code

st507

1

65603

1

D4032-041

Manufactured No

110

Each

0.0000

1

1

Short Basket Assembly (350)

D4085-1

Manufactured No

110

Each

7.0000

1

1

Placard, Instructions

Location

Loc Qty

Loc Code

ST112

7

64304

7

AN4-13A

Purchased No

110

Each

383.0000

6

6

Bolt

Location

Loc Qty

Loc Code

ST357

383

116191

7

116669

376

116669

Thursday, January 27, 2011 1:09:32 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Thursday, January 27, 2011 1:09:32 PM

Work Order ID: 65936

Parent Item: D350-607-445

Parent Item Name: Heli-Utility-Basket

Start Date: 1/28/2011

Required Date: 2/14/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

4,209.000

6

16



Nut

Location

Loc Qty

Loc Code

ST300

4209

1123143

2

115589

10

115621

21

116188

3500

✓ 116548

676

NAS1149F0432P

Purchased

No

110

Each

94.0000

12

12



Washer

Location

Loc Qty

Loc Code

ST275

94

112940

92

114405

1

116169

1

116548

112

1116737

1011/2/11 C

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
<b>D350-607-441</b> (Standard Basket)	78.0 lb 35.4 kg	± 47.8 in ± 1.21 m	± 3728 in-lb ± 42.8 m-kg	135 in 3.43 m	10530 in-lb 121.4 m-kg
<b>D350-607-443</b> (Lightweight Basket)	63.0 lb 28.6 kg	± 47.8 in ± 1.21 m	± 3011 in-lb ± 34.6 m-kg	135 in 3.43 m	8505 in-lb 98.1 m-kg
<b>D350-607-445</b> (Standard Basket)	56.0 lb 25.4 kg	± 47.8 in ± 1.21 m	± 2677 in-lb ± 30.7 m-kg	135 in 3.43 m	7560 in-lb 87.1 m-kg
<b>D350-607-447</b> (Lightweight Basket)	45.0 lb 20.4 kg	± 47.8 in ± 1.21 m	± 2151 in-lb ± 24.7 m-kg	135 in 3.43 m	6075 in-lb 70.0 m-kg
<b>D350-607-411</b> (Quick Release Basket Mounting Kit)	5.9 lb 2.7 kg	± 36.5 in ± 0.93 m	± 215 in-lb ± 2.5 m-kg	135 in 3.43 m	796 in-lb 9.3 m-kg

## 5.0 PARTS LIST

QTY -441	QTY -443	QTY -445	QTY -447	QTY -411	QTY -401	PART NUMBER	DESCRIPTION
X						D350-607-441	HELI-UTILITY-BASKET
	X					D350-607-443	HELI-UTILITY-BASKET
		X				D350-607-445	HELI-UTILITY-BASKET
			X			D350-607-447	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-411	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-401	CONVERSION KIT
				1	1	D3908-041	AFT X-TUBE LUG ASSY
				1	1	D3909-041	FWD X-TUBE LUG ASSY
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3911-041	BASKET INSTL STUD ASSY (LOWER)
1	1	1	1		1	D3911-043	AFT EYEBOLT RECEIVER ASSY
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-1	PLACARD-INSTRUCTIONS
1					1	D4086-210	PLACARD, MAX LOAD
	1				1	D4086-220	PLACARD, MAX LOAD
		1			1	D4086-232	PLACARD, MAX LOAD
			1		1	D4086-243	PLACARD, MAX LOAD
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
12	12	12	12	32	44	NAS1149F0432P	WASHER

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Revision: C

Date: 10.07.26

# REFERENCE ONLY

## DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-2 REV. C,  
INSTALLATION INSTRUCTIONS D350-607-3 REV. A AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REV. 3

REF TCCA STC SH94-14  
REF FAA STC SR00213NY  
REF EASA STC EASA.IM.R.S.01405

### 1.0 PUPOSE

IT HAS COME TO DART'S ATTENTION THAT THE D4086-XXX PLACARD AND D2728-3 LABEL PEEL OFF FROM D3914-041 AND D4018-041 BASKET LIDS IN SERVICE. THIS HAS BEEN ADDRESSED FOR D350-607-441/-445/-541/-545 BASKETS AT CHG 003. CUSTOMERS WITH EARLIER CHANGE NUMBER BASKETS CAN PROCURE DSI-9535-01X KIT FROM DART PER SECTION 3.0 PARTS LIST OF THIS SERVICE INSTRUCTION AND INSTALL PER THE INSTRUCTIONS BELOW.

### 2.0 INSTRUCTIONS

- 2.0.1 LOCATE D4289-041 ON EXISTING LABEL PLATE PER FIGURE 1 OF THIS SERVICE INSTRUCTION.  
2.0.2 DRILL QTY(4)  $\phi$ 0.129" HOLES THRU D4289-041, EXISTING LABEL PLATE AND LID STRUCTURE. DEBURR. ENSURE MINIMUM EDGE DISTANCE OF 0.192". ENSURE HOLES DO NOT ALIGN WITH LID MESH. IF REQUIRED, LOCATE THE HOLE FURTHER AWAY FROM D4289-041 EDGES TO AVOID DRILLING THROUGH LID MESH.  
2.0.3 INSTALL D4289-041 ON EXISTING LABEL PLATE BY APPLYING A THIN LAYER OF PROSEAL 890 BETWEEN THE MATING SURFACES AND SECURE D4289-041 USING CR3213-4-0X RIVETS AS SHOWN IN FIGURE 1 OF THIS SERVICE INSTRUCTION.  
2.0.4 INSTALL NEW D4086-XXX PLACARD ON D4289-041 LABEL PLATE PER FIGURE 1 OF THIS SERVICE INSTRUCTION.

### 3.0 PARTS LIST

QTY -011	QTY -013	QTY -015	QTY -017	PART NUMBER	DESCRIPTION
X				DSI-9535-011	LABEL PLATE KIT, FOR -441 BASKET
	X			DSI-9535-013	LABEL PLATE KIT, FOR -445 BASKET
		X		DSI-9535-015	LABEL PLATE KIT, FOR -541 BASKET
			X	DSI-9535-017	LABEL PLATE KIT, FOR -545 BASKET
		1		D4086-200	PLACARD, MAX LOAD
1				D4086-210	PLACARD, MAX LOAD
			1	D4086-220	PLACARD, MAX LOAD
	1			D4086-232	PLACARD, MAX LOAD
1	1	1	1	D4289-041	LABEL PLATE
2	2	2	2	CR3213-4-02	RIVET
2	2	2	2	CR3213-4-03	RIVET

### 4.0 WEIGHT AND BALANCE

THERE IS A NEGLIGIBLE WEIGHT CHANGE ASSOCIATED WITH THE INSTALLATION OF DSI-9535-01X.

### 5.0 MAINTENANCE

MAINTAIN PER ICA-D350-607.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO #01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE #02)

DATE: NOV. 01, 2010  
CERT. NO.: SH94-14  
ISSUE NO.: 5

A	NEW ISSUE	MB	10.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9535	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LABEL PLATE ADDITION	NTS
DATE	10.11.01	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	